



Couplings for servo-motors



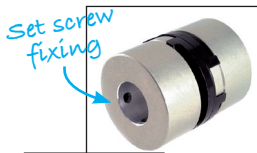
Torque: **0.06 to 44Nm**

- 3 part assembly

- Max. speed: 3000 rpm
- Working temp: -20°C to +60°C
- Materials:
 - BG6-BG13 Hubs: brass
 - CZ121
 - BG19-57 Hubs: Alocrom coated aluminium 6082
 - Disk: black acetel

Service factor	
Usage	Factor
Momentary	1
1hr/day	2
3h/day	4
6h/day	6
12h/day	8

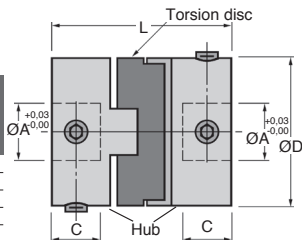
Torque to be transmitted X Service Factor must be less than Peak Torque



Info

- Delivered not assembled

	Misalignment at 3000 rpm			Torque Peak (Nm)	Static break (Nm)	Moment of inertia (kgm ² x 10 ⁻⁶)	Torsional stiffness (Nm/Rad)
	Radial (± mm)	Axial (± mm)	Angular (± °)				
BG6	0,10	0,05	0,5°	0,06	0,7	6	10
BG9	0,10	0,05	0,5°	0,21	2,0	18	30
BG13	0,10	0,05	0,5°	0,5	4,0	26	65
BG19	0,20	0,10	0,5°	1,7	10,8	67	115
BG25	0,20	0,10	0,5°	4,0	13,0	252	205
BG33	0,20	0,15	0,5°	9,0	53,0	1 074	615
BG41	0,25	0,15	0,5°	17,0	57,0	3 327	1 200
BG50	0,25	0,20	0,5°	30,0	95,0	7 550	1 375
BG57	0,25	0,20	0,5°	44,0	150,0	12 410	2 610



DISCOUNTS

Qty	1+	5+	10+
Disc.	List	-6%	On request

Part number	Standard bores (mm)		Optional bores (mm)	ØD	L	C	Vis	Weight (g)	Standard bores	Price each 1 to 4 Standard bores
BG6	2		3, 3.18	6,40	12,70	3,80	M3	2,5	✓	On request
BG9	3, 4, 5		-	9,50	12,70	3,80	M3	4	✓	On request
BG13	3		4, 5, 6, 6.35	12,70	15,90	4,30	M3	11	✓	On request
BG19	4, 6, 8		5, 6.35	19,10	22,00	6,30	M3	12	✓	22,88 €
BG25	6, 8, 10		6.35, 9.52, 12	25,40	28,40	8,60	M4	31	✓	On request
BG33	8, 12		9.52, 10, 14, 15, 16	33,30	42,00	13,00	M4	86	✓	On request
BG41	9.52, 10		12, 14, 15, 16, 18, 19, 20	41,30	50,80	16,70	M5	148	✓	On request
BG50	10, 20		12, 14, 15, 16, 18, 19, 24, 25	50,00	59,60	20,60	M8	208	✓	On request
BG57	12, 20		14, 15, 16, 18, 19, 24, 25, 30	57,10	78,00	28,40	M8	361	✓	On request

*Depending on availability - Dimensions in mm

Our other products



PDD

Spring plunger, With sensor adaptor



UGH25

H Type Guide units, For Ø25 actuators



DIA

Ring operated locking bolt, with ring



CNA-CNG

Right angled mounting plate, Right angled mounting plate for clevis



RLX

Free running conveyor roller, PVC



SH2

Parallel axis helical gear, Machined plastic (delrin)



MSP38

Masterplate® glueable insert Ø38, Cylindrical Ø38 with threaded s...



SEH

Horizontal stirrup toggle clamp, Horizontal stirrup clamp - steel



HW_HT

Half-rail guide, Wheel



PTRSS

Idle chain sprocket, For hostile



SLV

Vertical toggle clamp, Vertical Lever Clamp -



SHTC

Drylin® Linear table, Maintenance free

Complementary products



BGC

Oldham coupling, Clamp